

bun BAROMETER

Wi-Fi Barometric pressure and temperature recorder-alarm

APPLICATION

“bun BAROMETER” is a Barometric pressure and temperature recorder and alarm system. It is powered by 2 replaceable AA batteries for up to 6 years and connects directly to Wi-Fi.

More than an accurate barometer and a reliable logger, “bun BAROMETER” is also a cloud-based alarm system.

All setting parameters like measurement intervals, upload intervals, minimum and maximum allowed air pressure and temperature thresholds can be set through a web-based application on any platform. It sends out email, text message (SMS) and automated phone call alarms as soon as pressure or temperature exceeds or falls below pre-set limits. It also provides access to the records history, graphs and periodical reports. Its hardware and software installation is very easy and does not require any specific tools or applications.



GENERAL SPECIFICATIONS

Sensors	Internal Barometric pressure & Temperature	
Pressure measurement and alarm range	hPa	300 to 1100 (Equivalent to -500 [-1640 ft.] to +9000 [+29527 ft.] meter below/above sea level)
Temperature measurement and alarm range	°C	-20 to +70
	°F	-4 to +160
Working temperature range	°C	-20 to +70
	°F	-4 to +160
Temperature measurement Accuracy	°C	± 1 (0 to 65 °C) - ± 0.5 @ 25 °C
	°F	± 3.3 (32 to 150 °F) - ± 1.6 @ 77 °F
Pressure measurement Accuracy	hPa	± 1
Power supply	2 x AA replaceable batteries	
Sensor's protection class	IP 54	
Compliances	IEEE 802.3, EN 61326-1, EN 61010, EN 12830, FCCID: 2AHMR-ESP12F, CE, ROHS, HACCP	
Battery life*	Up to 5 years	
Upload intervals	One hour to once a week (or on demand)	

Record intervals	1 minute to 120 minutes (down 5 sec. by order)
Interface	Wi-Fi - IEEE 802.3 – 2.4 GHz
Max. number of internal records	16,384 – Automatic cloud sync and replace

AMBIENT CONDITIONS

Storage temperature	°C	-25 to +75
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DIMENSIONS

Diameter (max.)	L	mm	80.0
Height (max.)	H	mm	34.5

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